

SECRET

out 71427

PRIORITY

16 Dec 70 19 Dec 70

P 161910Z DEC70
 FM NPIC WASHDC
 TO RHCOAAA/SAC OFFUTT AFB OMAHA NEBR
 RHCOAAA/544TH ARTW OFFUTT AFB OMAHA NEB
 RUCILBA/100TH SRW OL 19 MCCOY AFB FLA
 RUVRRJA/DIR MAT MGT/MMW ROBBINS AFB, GA
 RUWMDA/100TH SRW DAVIS MONTHAN AFB ARIZ
 RUWMDA/12 SAD DAVIS MONTHAN AFB ARIZ
 RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD
 RUEAIIA/CIA WASH DC
 RUEKJCS/DIA
 RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF
 RUEFHQA/HQS USAF
 BT

S E C R E T CITE NPIC 0030

SAC FOR DIRI, DOSR, DISD, DM4C; 100 SRW DAVIS MONTHAN AFB
 FOR DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DC5C;
 HQ USAF FOR AFIGOS, AFXOTR; 15TH AF FOR DI, DO, DM4C.
 SUBJ: EVAL OF OLD HEAD MSN G-159, 12 DEC 70

1. IMAGE QUALITY: FAIR TO GOOD. MOST IMAGERY MAINTAINS EDGE

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SHARPNESS AT 30X. SCATTERED CLOUDS AND/OR HAZE ACCOUNT FOR MOST IMAGE
 DEGRADATION. HOWEVER, SOME INSTANCES OF NARROW BANDS OF SOFT IMAGERY
 DO OCCUR (SEE PAR 3, C). INTERPRETATION SUITABILITY IS GOOD EXCEPT
 FOR DEGRADING ATMOSPHERICS. CLOUDS OBSCURE APPROX 25 PCT ENTIRE MSN.

2. MSN DATA:

- A. MSN; G-159, 12 DEC 70
- B. CAM: 8005
- C. A/C: 340
- D. CAM MODE: STEREO
- E. VEHICLE T/O: 1235Z; CAM/ON: 1443Z
- F. FILM: 3404
- G. DEVELOPER: MX-819-1; PROCESS FAC: NRTSC
- H. AVG GAMMA ORIG NEG: 1.79
- I. EXPOSURE SLIT: 0.100 INCH
- J. FILTER: W-23A

3. ORIG NEG:

- A. EXPOSURE: UNDER AT BEGINNING, GOOD AT END.
- B. DENSITY: THIN AT BEGINNING, NORMAL AT END; CONTRAST: LOW
 AT BEGINNING, NORMAL AT END.
- C. IMAGED DEGRADATIONS: NARROW BANDS OF SOFT IMAGERY ARE
 PRESENT, PERPENDICULAR TO THE MAJOR AXIS OF THE FILM, THROUGH-
 OUT THE MSN ON BOTH FWD AND AFT IMAGERY. THESE BANDS, APPROX 0.2 INCH
 APART, ARE NOT ASSOCIATED WITH DENSITY BANDING AND REQUIRE MAGNIF-

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ICATIONS OF 20 TO 30 TIMES TO BE DETECTED. IN SOME INSTANCES, THEY
 APPEAR AS VERY SUBTLE IMAGE SMEAR IN THE SCAN DIRECTION, WHILE IN
 OTHER INSTANCES, THEY EXHIBIT NO DIRECTIONAL SMEAR CHARACTERISTICS.

- D. PHYSICAL DEGRADATIONS: FR 585 CONTAINS A FILM TEAR IN THE
 CENTER OF THE RECORD. THE TEAR IS APPROX 0.75 INCH LONG AND 0.50
 INCH WIDE AND APPEARS TO HAVE BEEN CAUSED BY MOISTURE ON THE FILM.
- E. DATA RECORD EQUIP: FUNCTIONED PROPERLY.
- F. LAST TITLED FR: 1644; COUNTER 1649.

4. POSITIVES: GOOD.

GP-1

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